



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday August 15, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Isolated heavy rain/flash flooding possible over portions of S NM, TX, S AR and LA today.**
 - **Will continue over S NM, W/NW TX into OK Tuesday/Wednesday.**
- **Isolated severe storms possible for NW OK on Monday.**
- **No significant impacts are expected from Fred; however, there is a small chance that extreme SE LA may see tropical storm force winds on Monday.**
- **Tropical Storm Grace is expected to approach the Virgin Islands and Puerto Rico today then track WNW across Hispaniola and Cuba.**
 - **Too early to pinpoint potential impacts to FEMA Region 6.**

FEMA Region 6 Threat Matrix

Aug 15, 2021 - Aug 19, 2021



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms		NW OK			
Heavy Rain / Flash Flooding	S NM,TX, SAR, LA	NM,WTX,W OK	S NM, OK, W/NW TX		
Fire Weather					
Tropical Winds / Surge		Extreme SE LA			
Heat					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



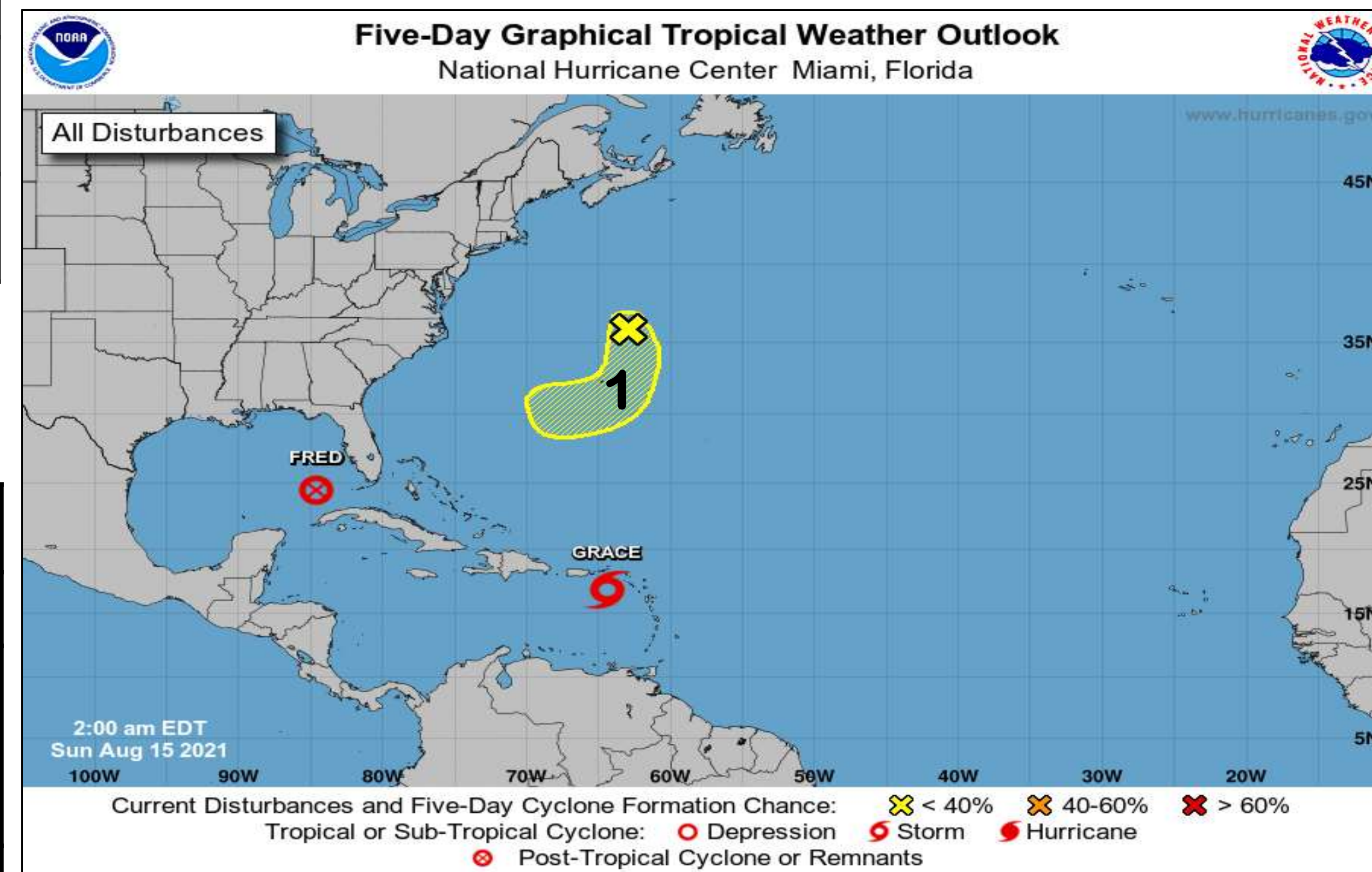
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

Active Tropical Cyclones

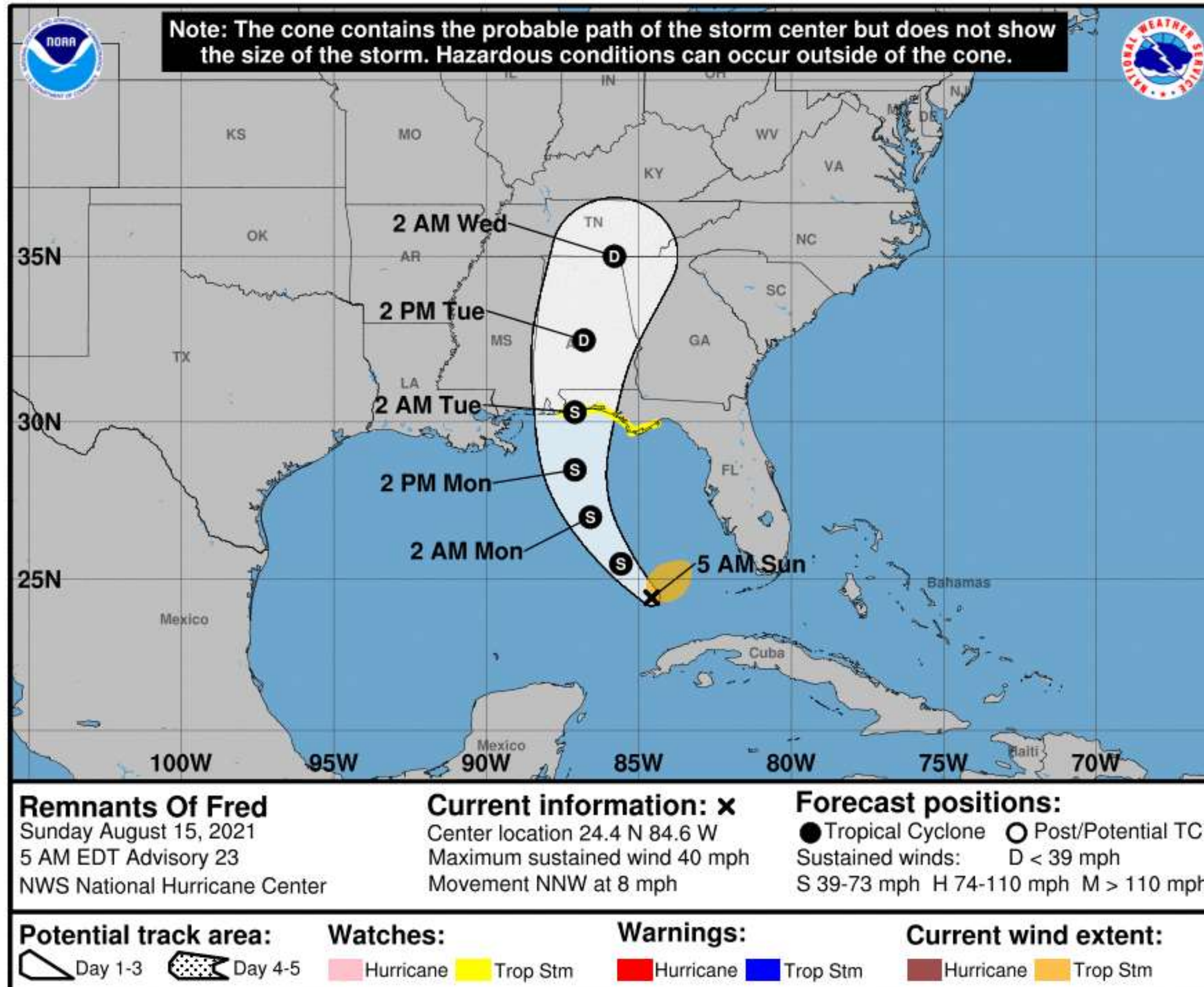
Storm	Potential Impacts to FEMA 6
Fred	No significant impacts to FEMA Region 6 expected at this time, small chance of tropical storm winds in extreme SE LA.
Grace	None in the next 5 days. Too early to pinpoint long range potential impacts to FEMA 6.



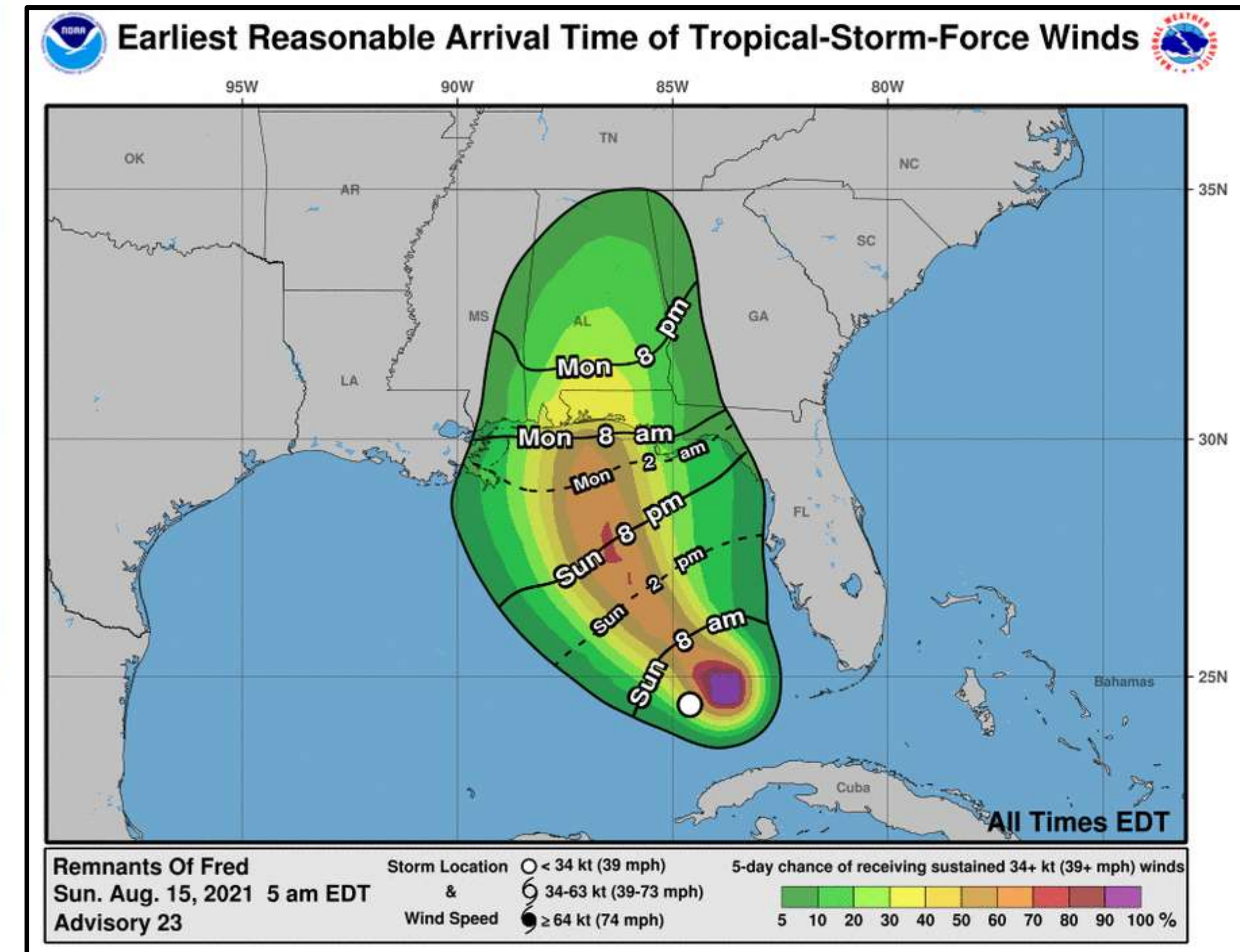
Fred Forecast / Tropical Storm Force Wind Potential



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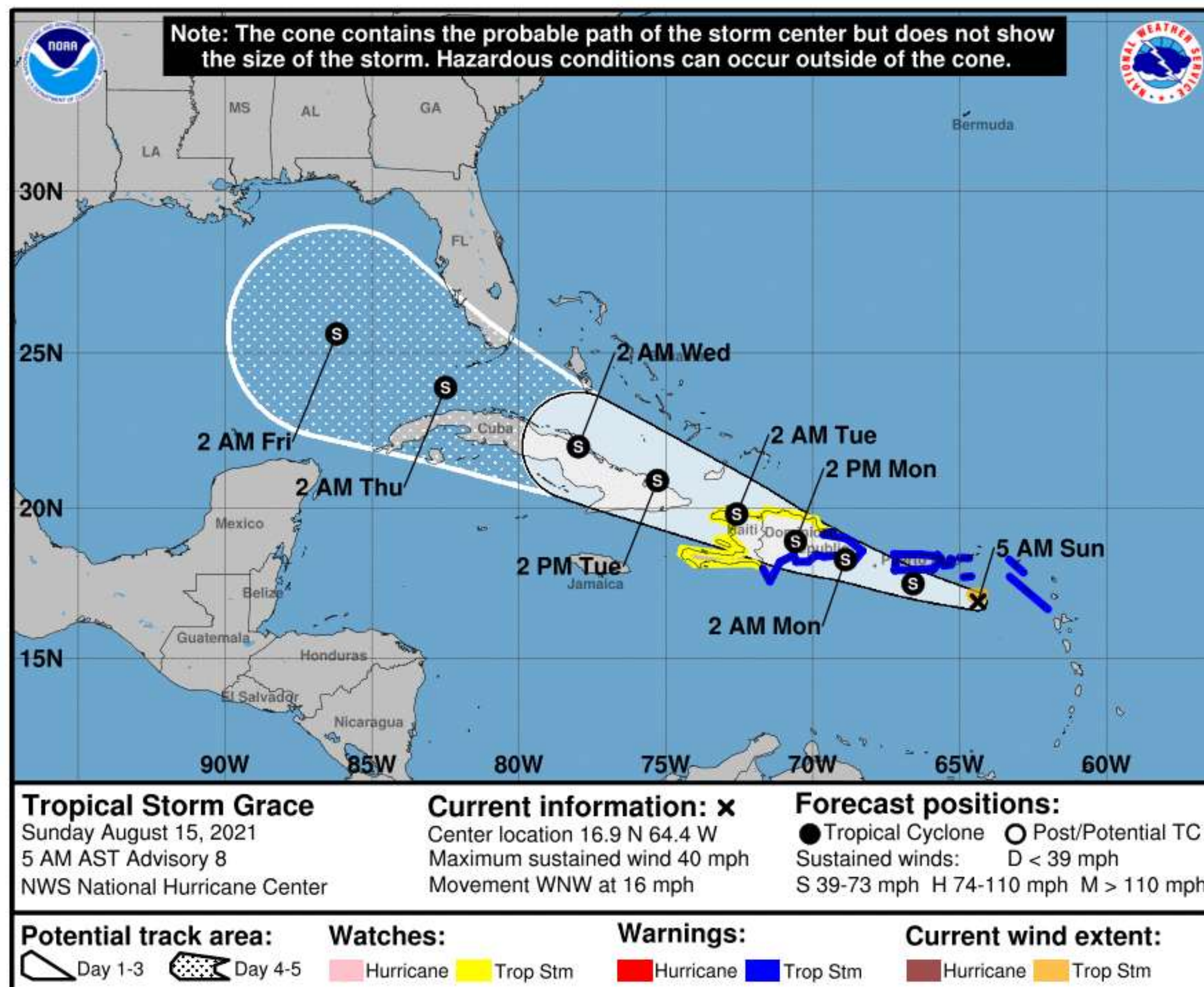
No significant impacts are expected from Fred; however, there is a small chance that extreme SE LA may see tropical storm force winds on Monday.



Tropical Storm Grace



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Tropical Storm Grace is expected to approach the Virgin Islands and Puerto Rico today then track WNW across Hispaniola and Cuba. If Grace survives land interaction with Hispaniola and Cuba, it's possible it will emerge into the southeast Gulf of Mexico by Thursday. No impacts are expected in the next 5 days, too early to pinpoint long range potential impacts to FEMA 6.



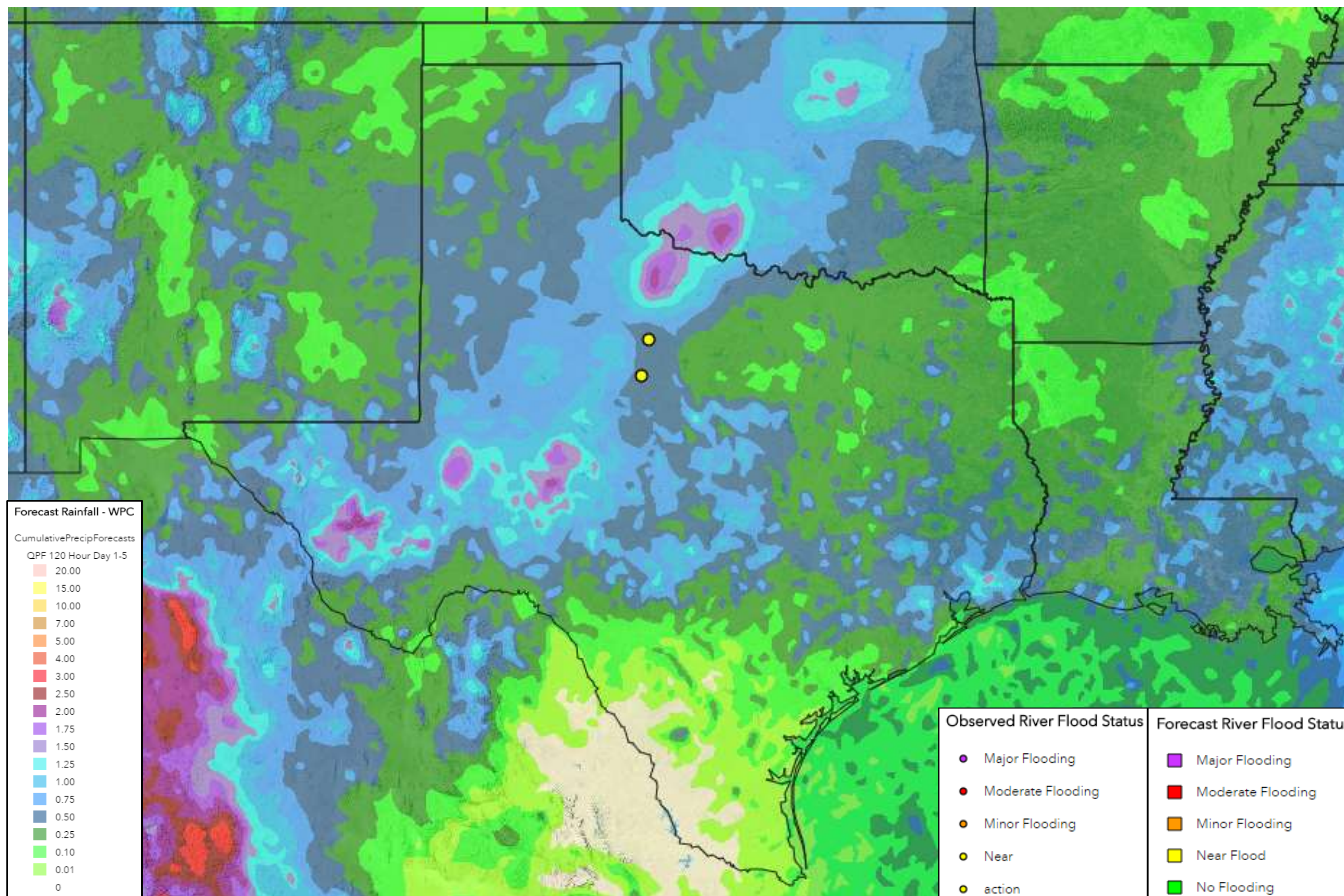
5-Day Precipitation Forecast & River Flood Status



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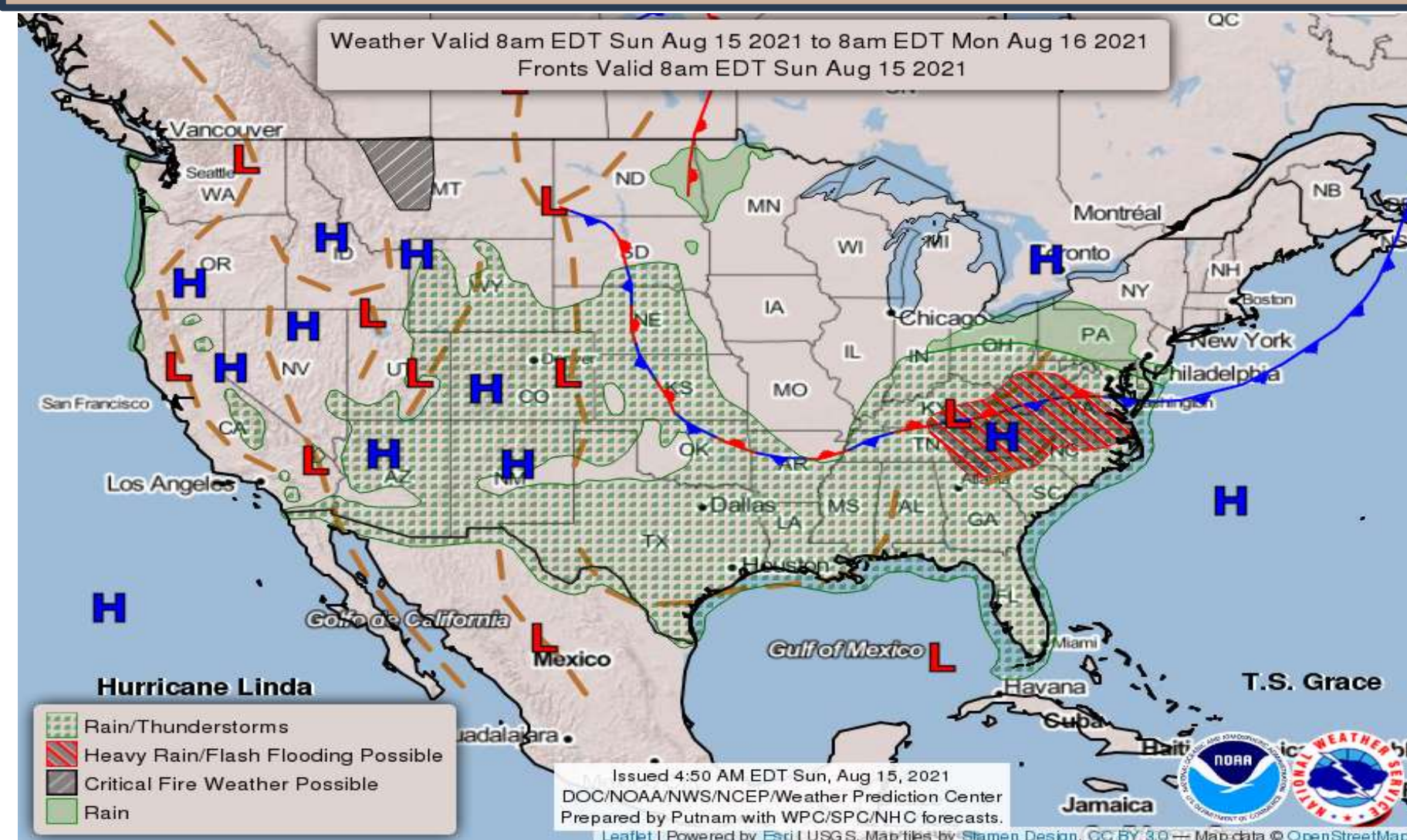
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

No river flooding is occurring or expected.

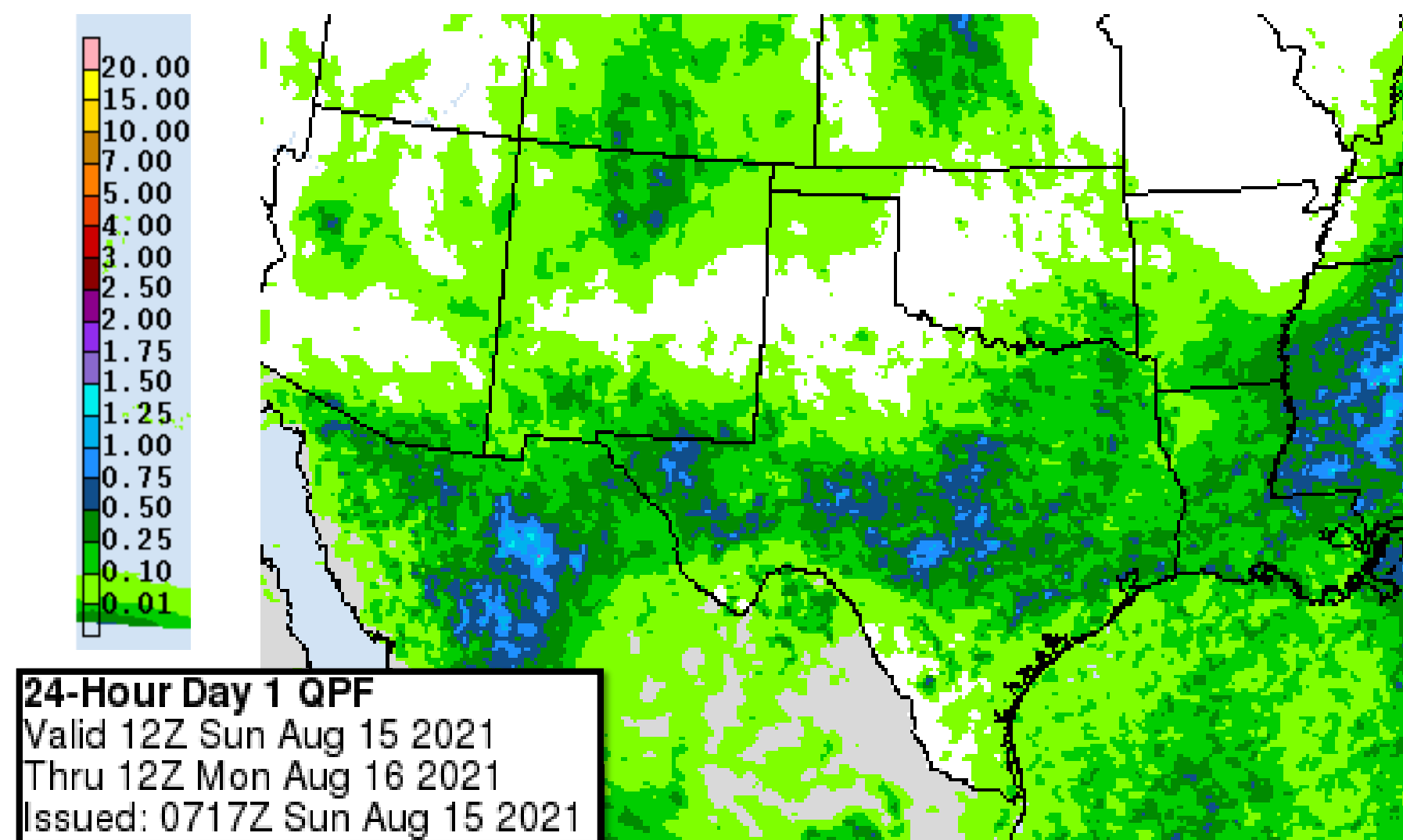


Today's Weather

Forecast Chart

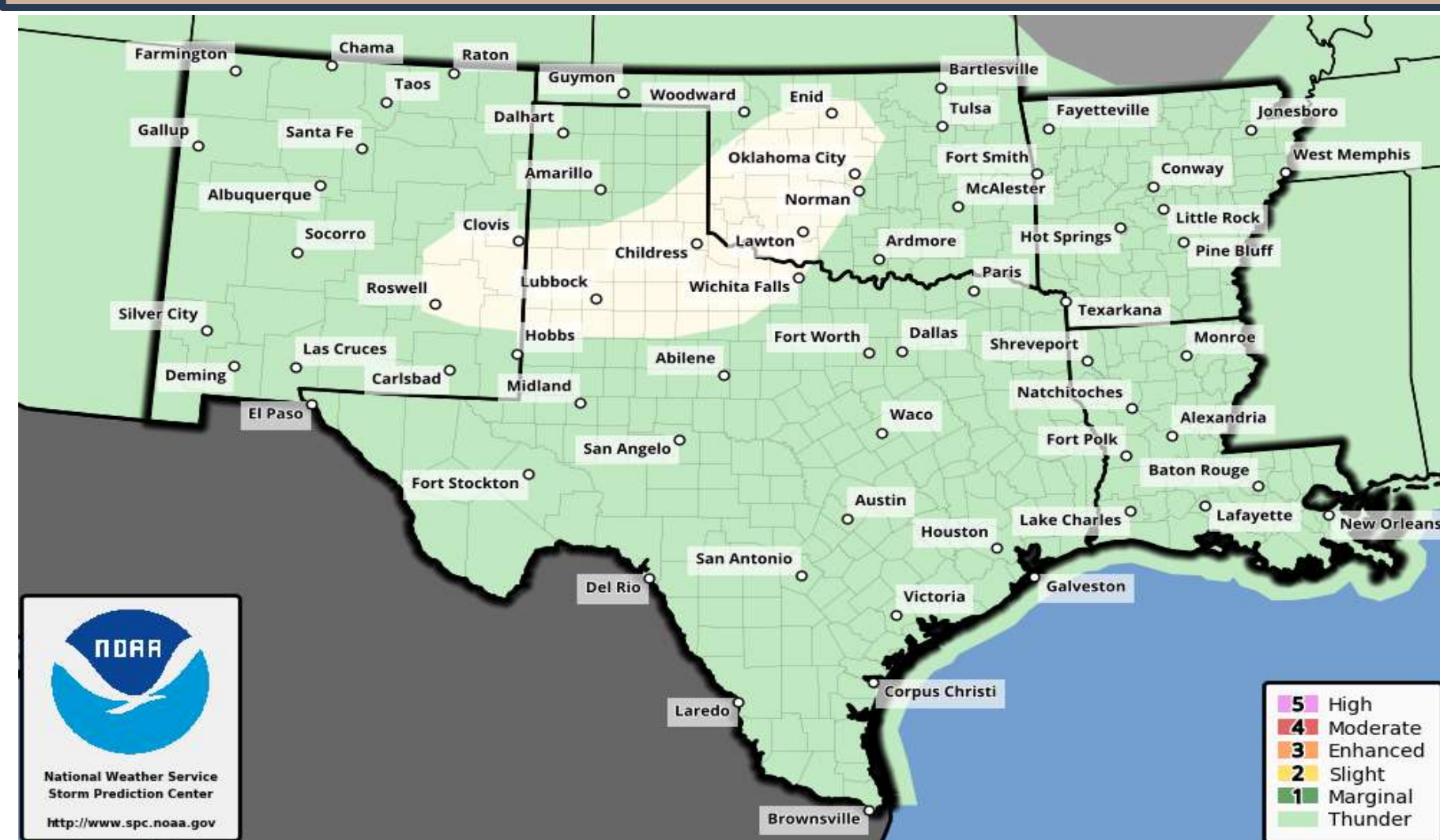


Forecast Rainfall

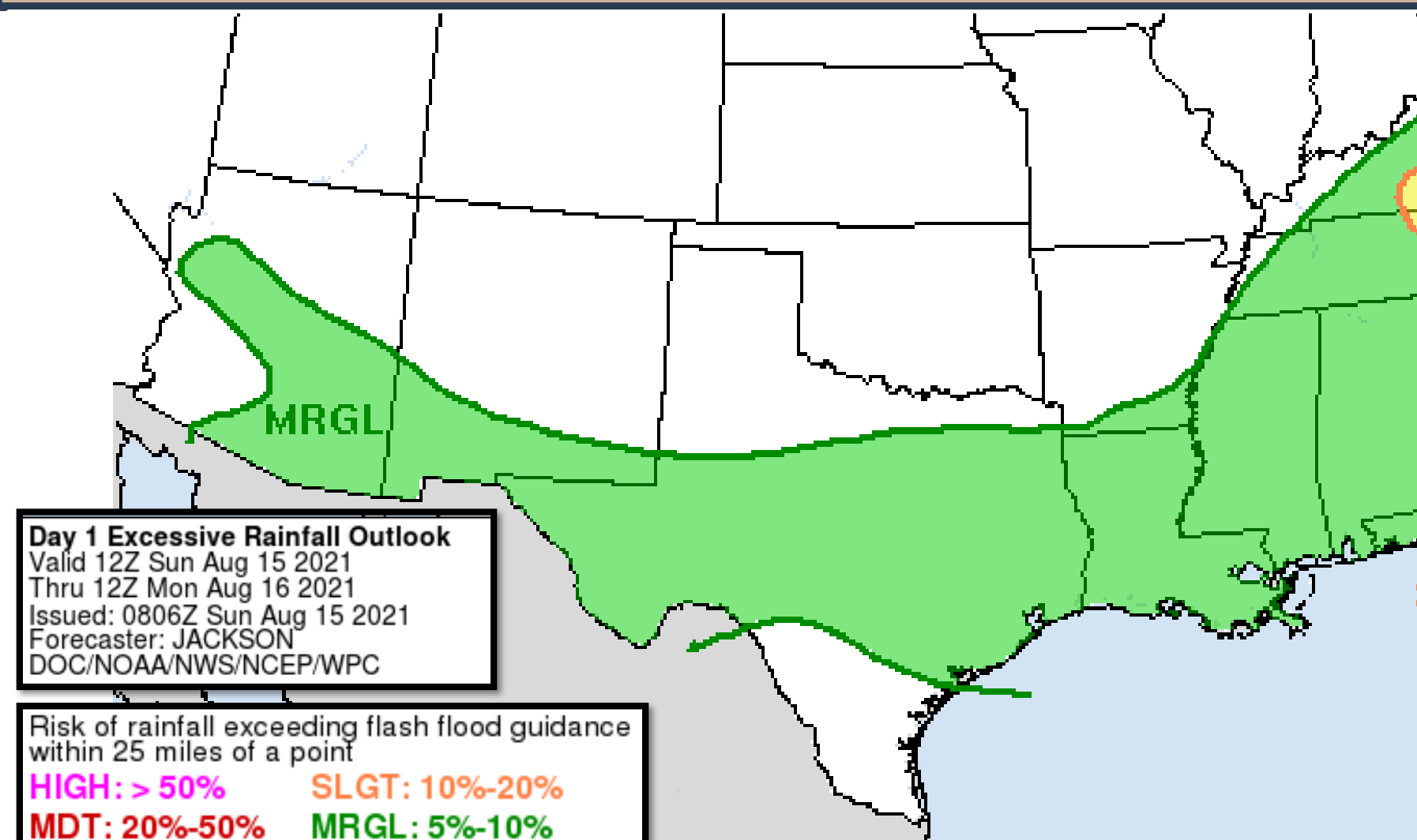


Isolated heavy rain/flash flooding possible across S NM, much of TX, S AR, and LA.

Severe Weather Outlook



Excessive Rainfall Outlook

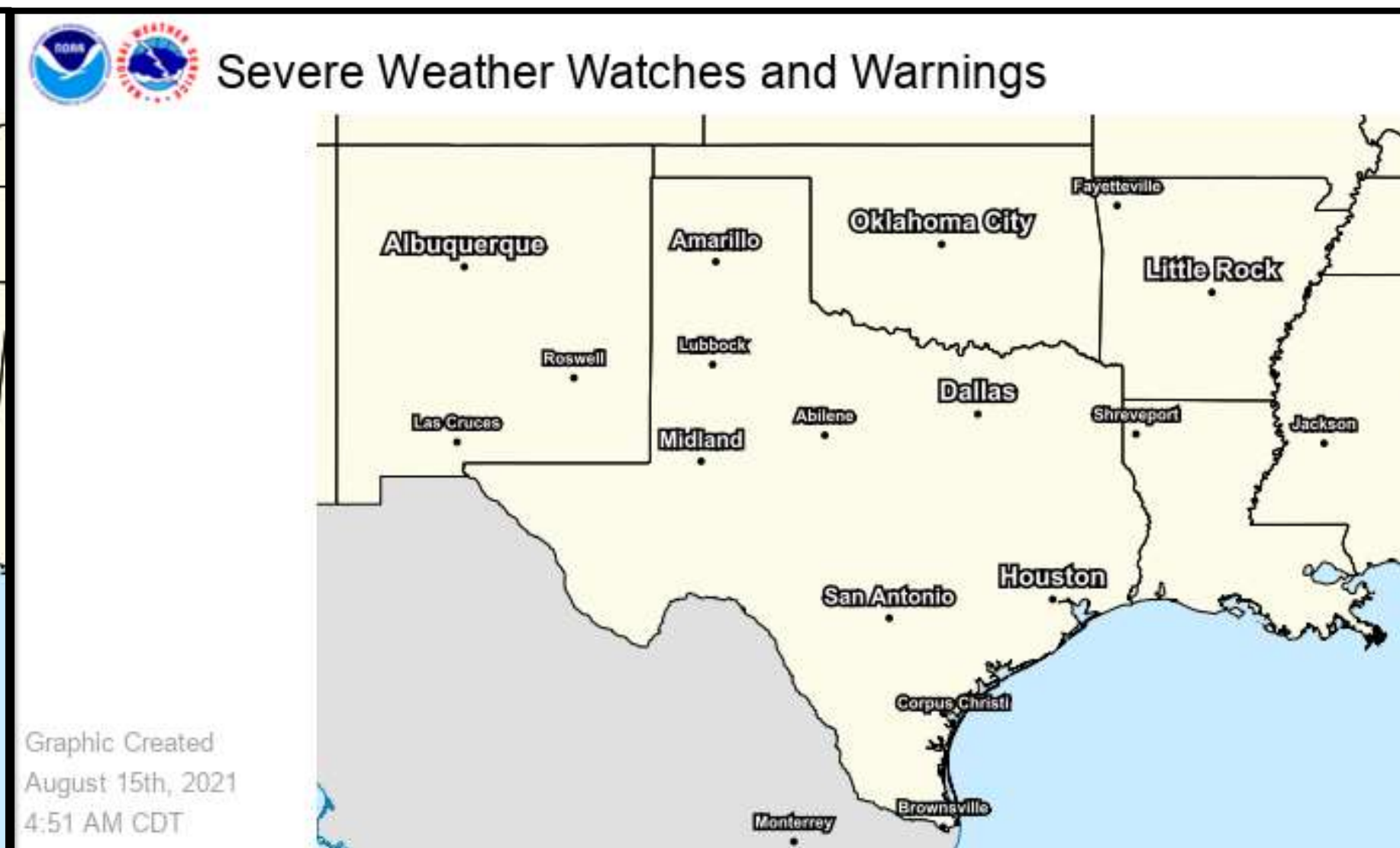


Watches, Warnings, and Advisories

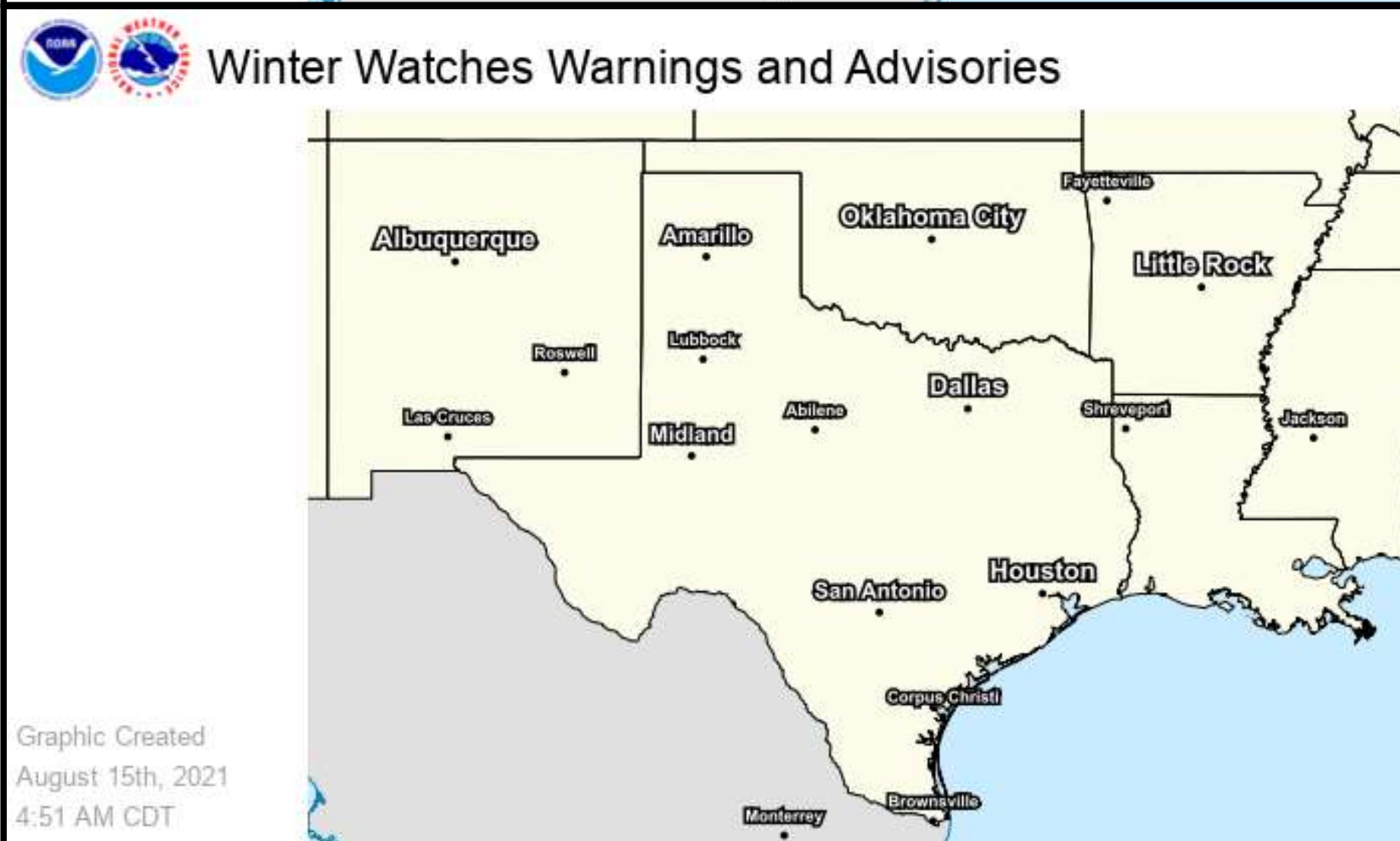
Wind, Severe, Winter, and Flood Hazards



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Flash Flood Watches in effect through this afternoon for S NM and Far West TX.

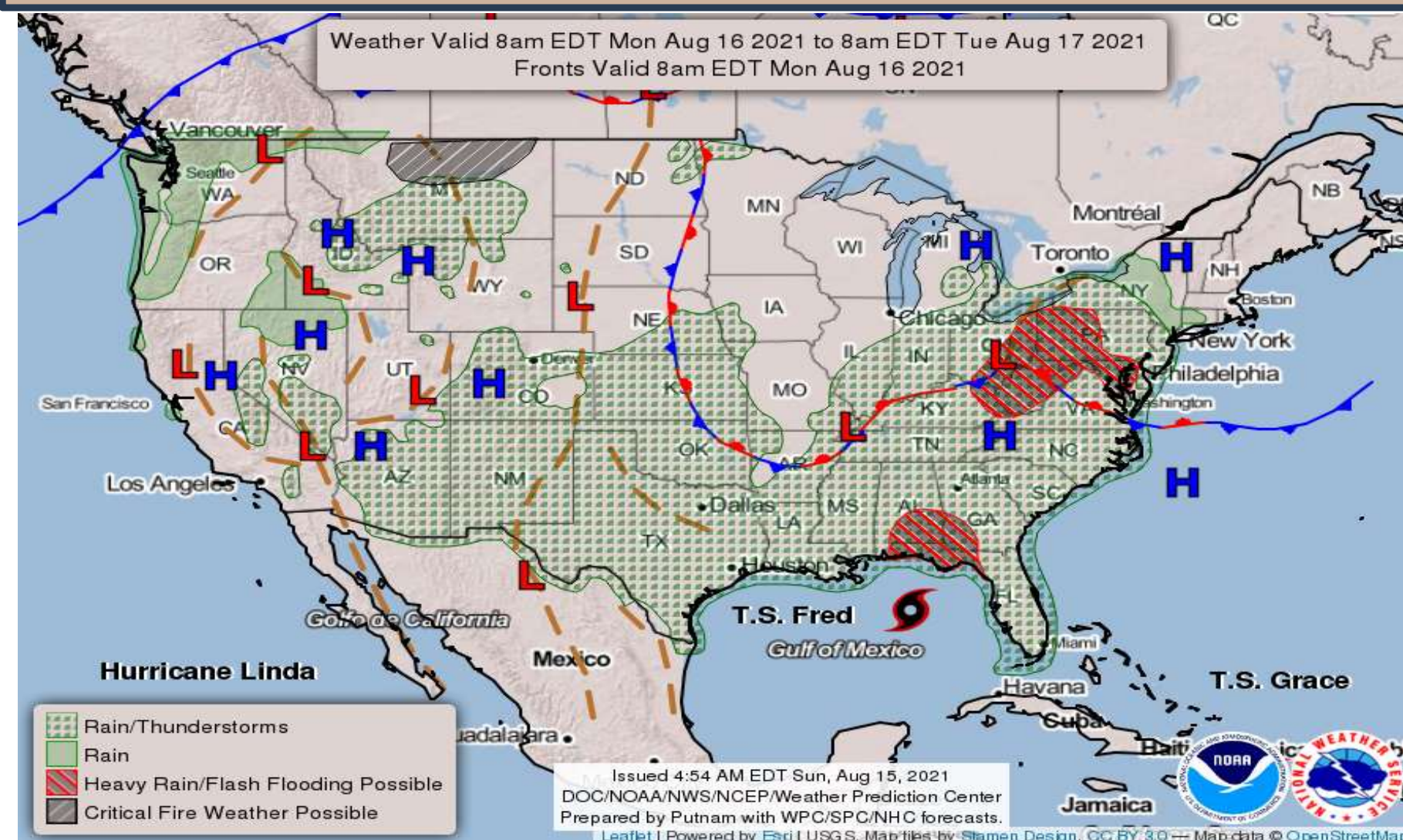


Tomorrow's Weather

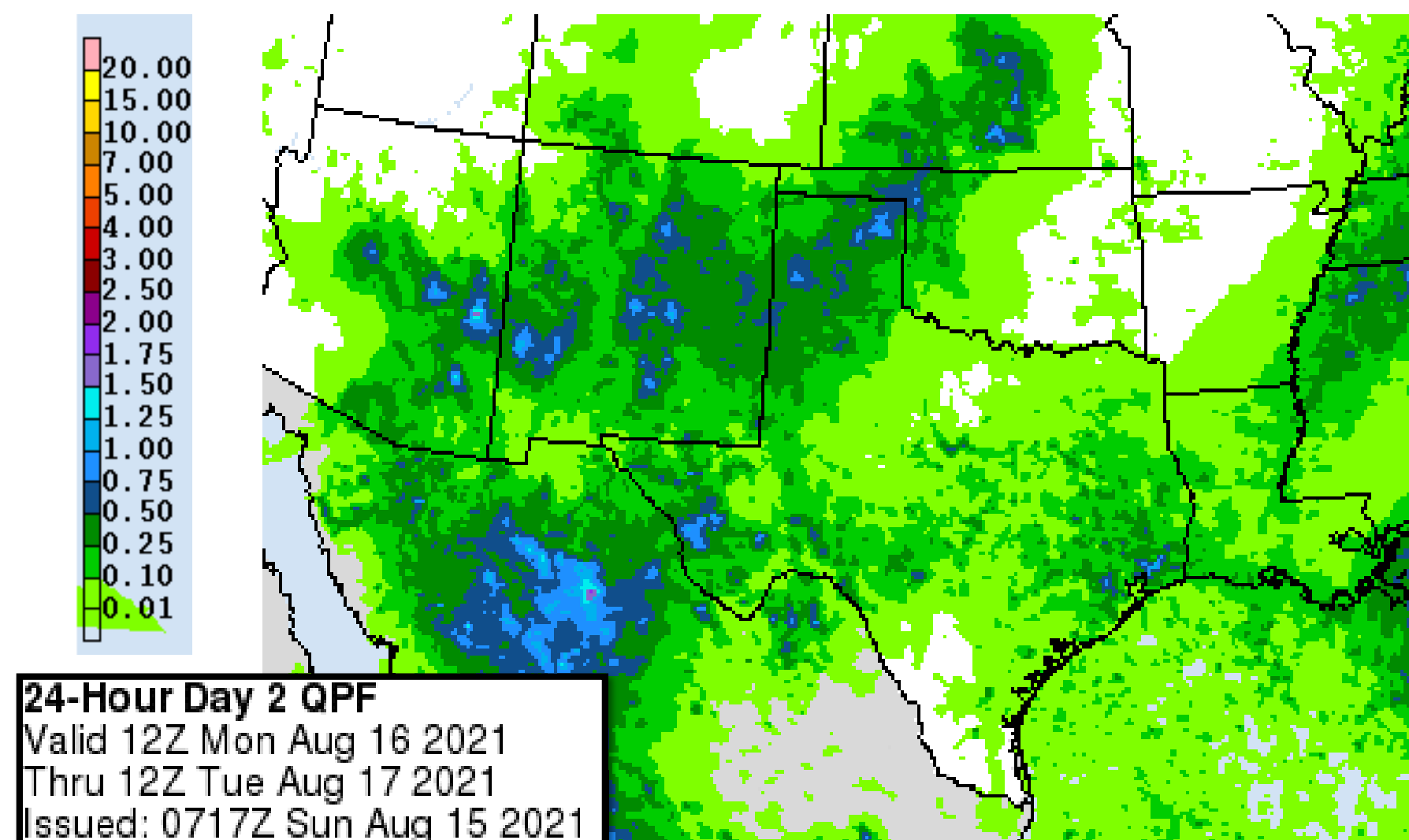


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Forecast Chart



Forecast Rainfall

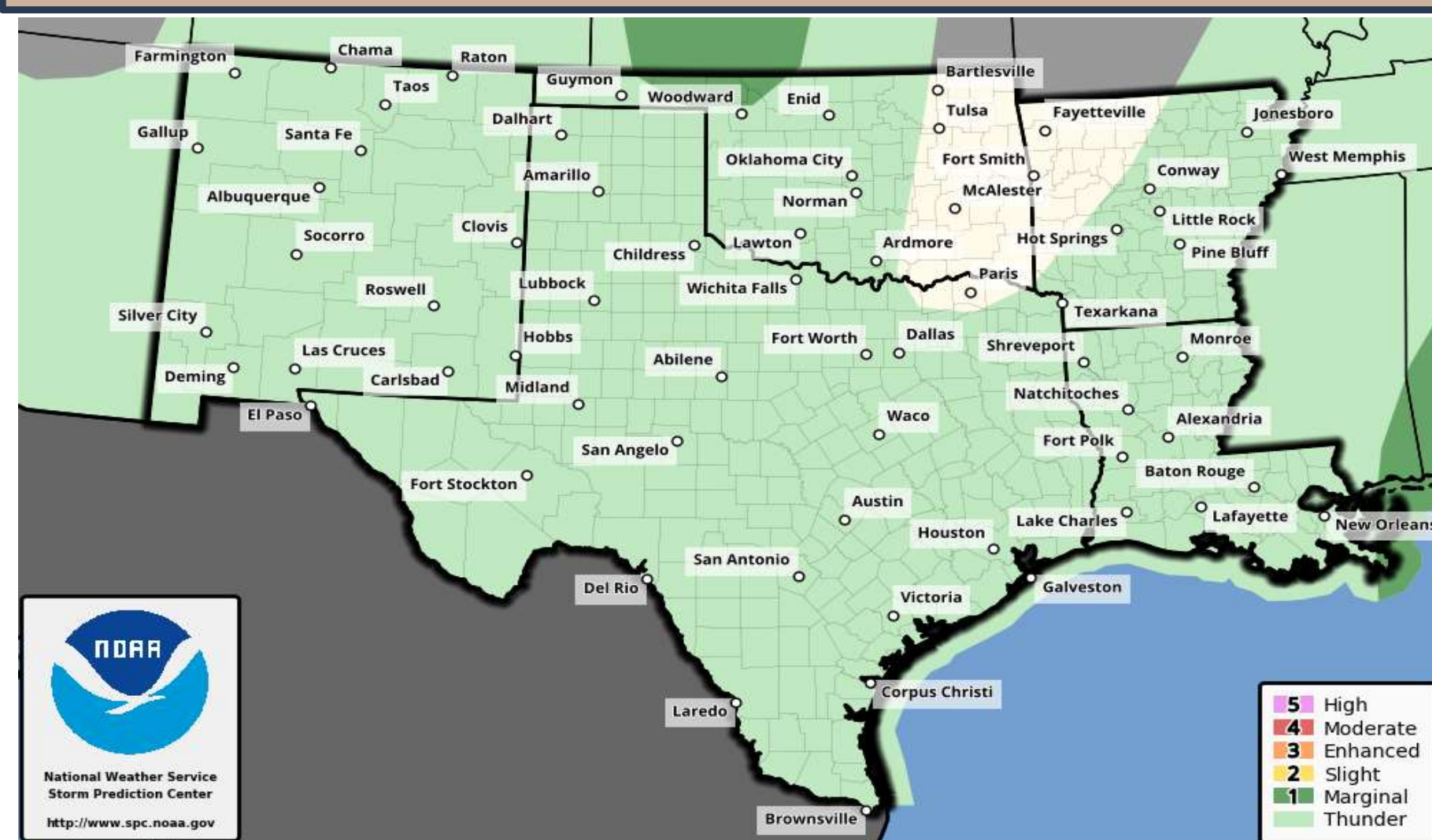


Isolated heavy rain/flash flooding possible across NM, WTX, and W OK.

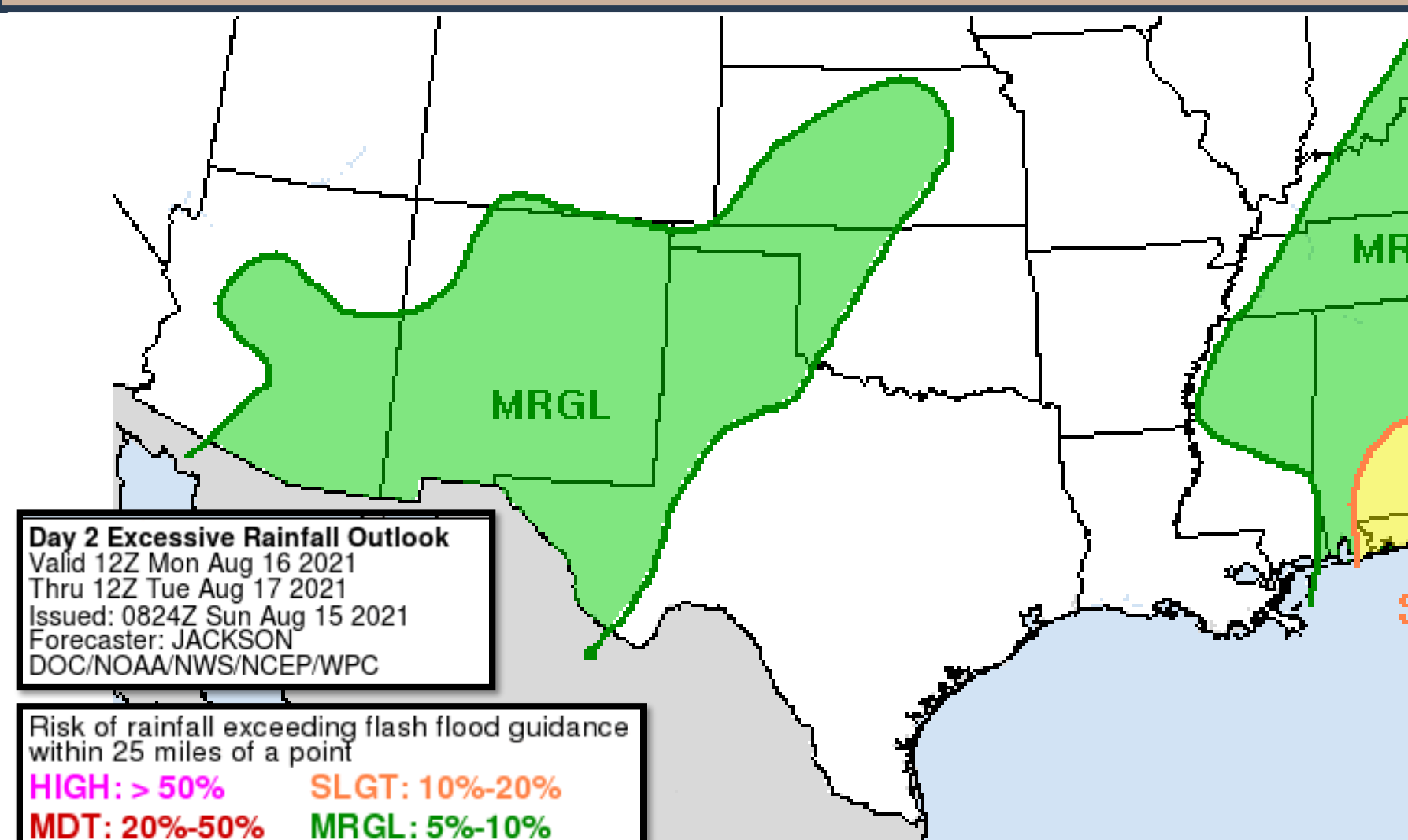
Wind Speed probabilities show that points in extreme SE LA have a low potential for seeing tropical storm force winds on Monday, but this is highly dependent on the eventual track of Fred.

Isolated severe storms with damaging wind gusts possible for NW OK.

Severe Weather Outlook

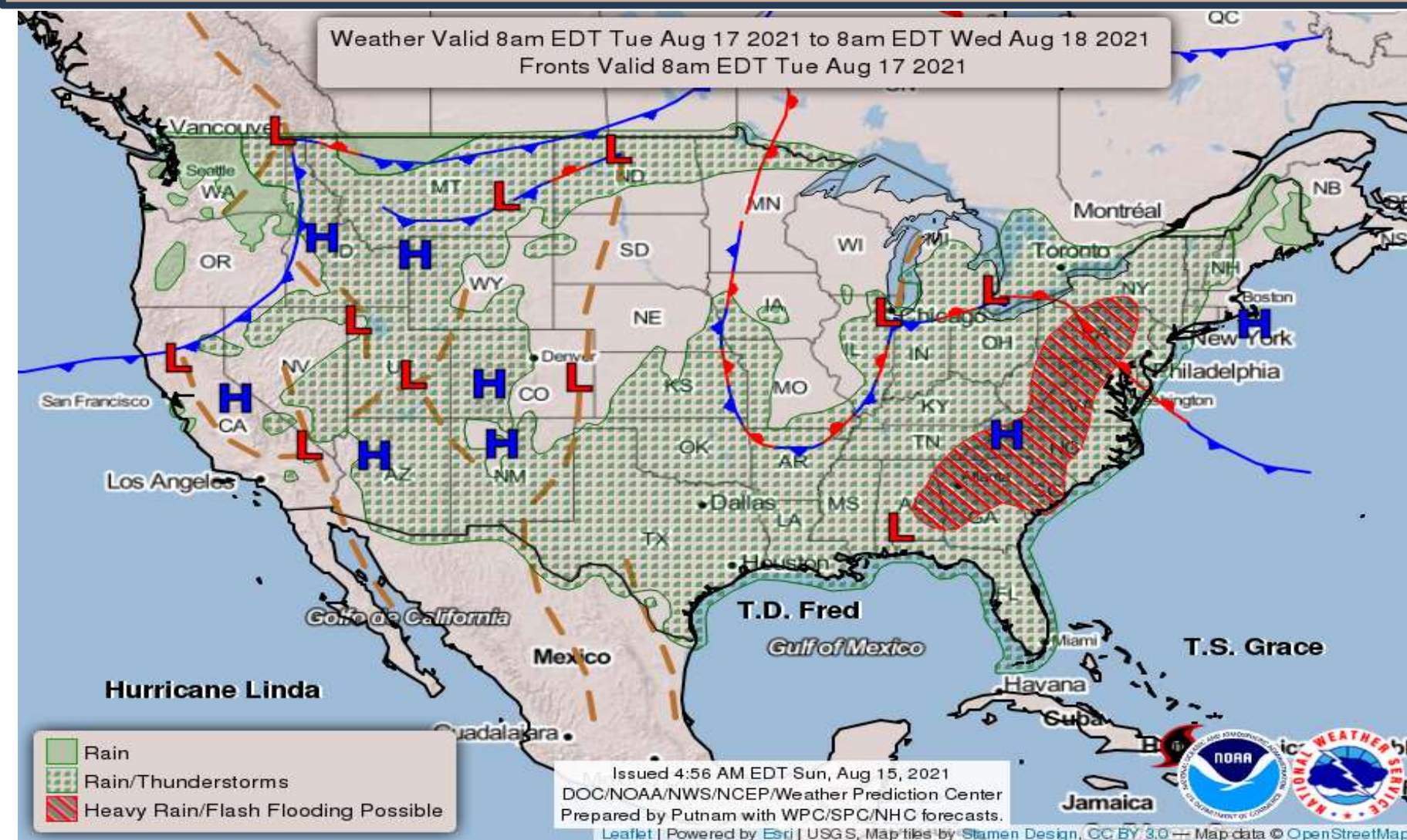


Excessive Rainfall Outlook

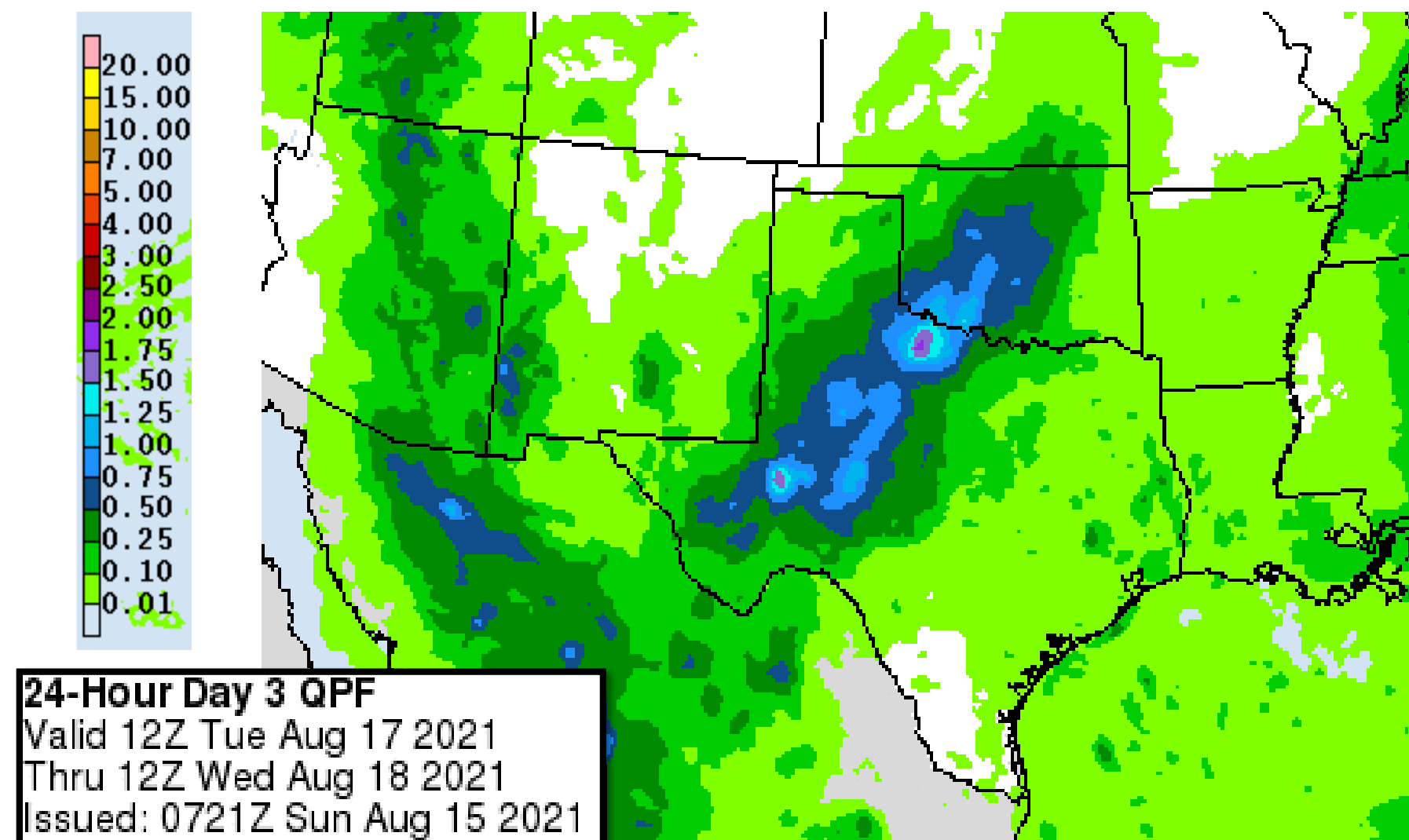


Tuesday's Weather

Forecast Chart

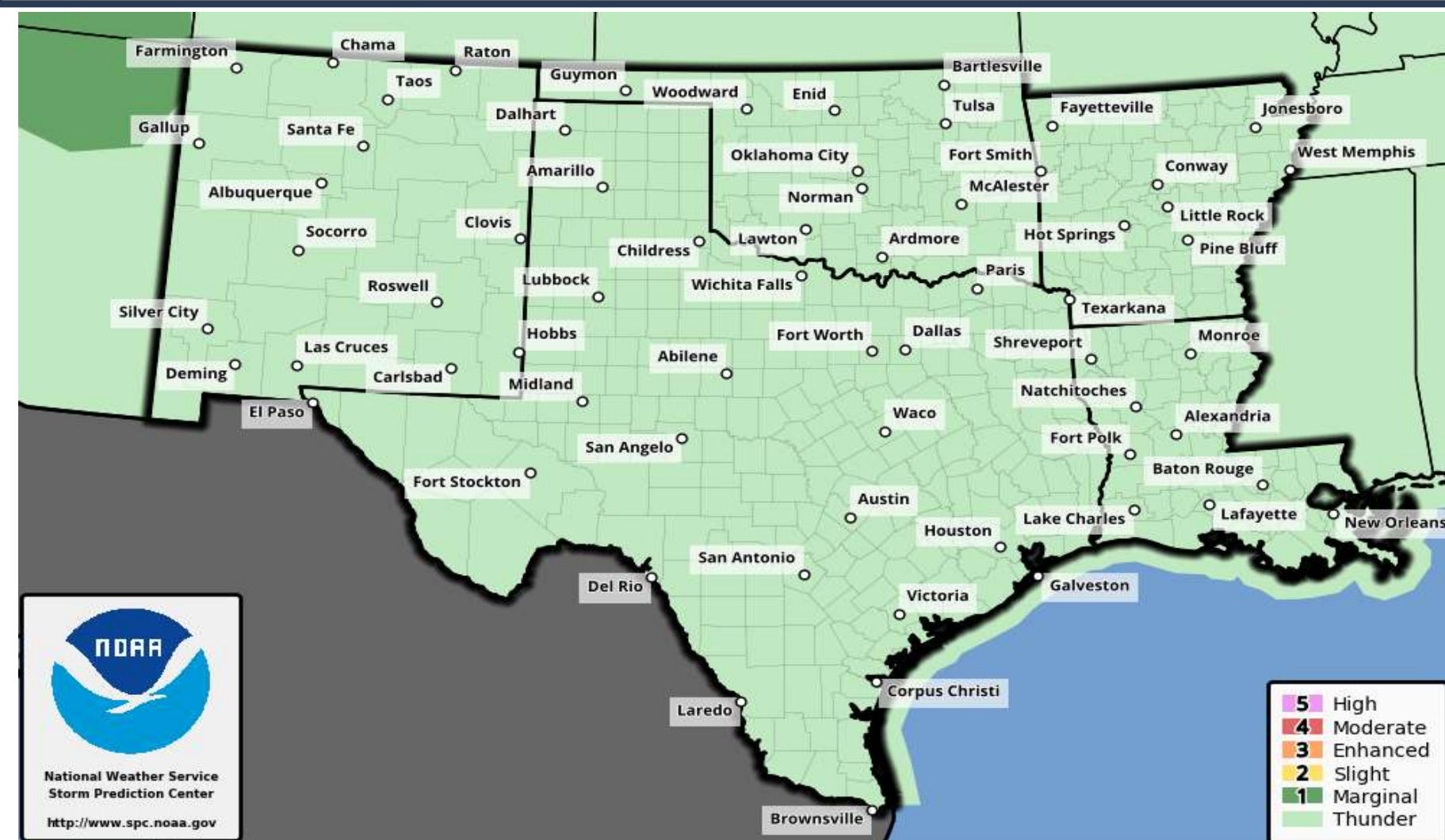


Forecast Rainfall

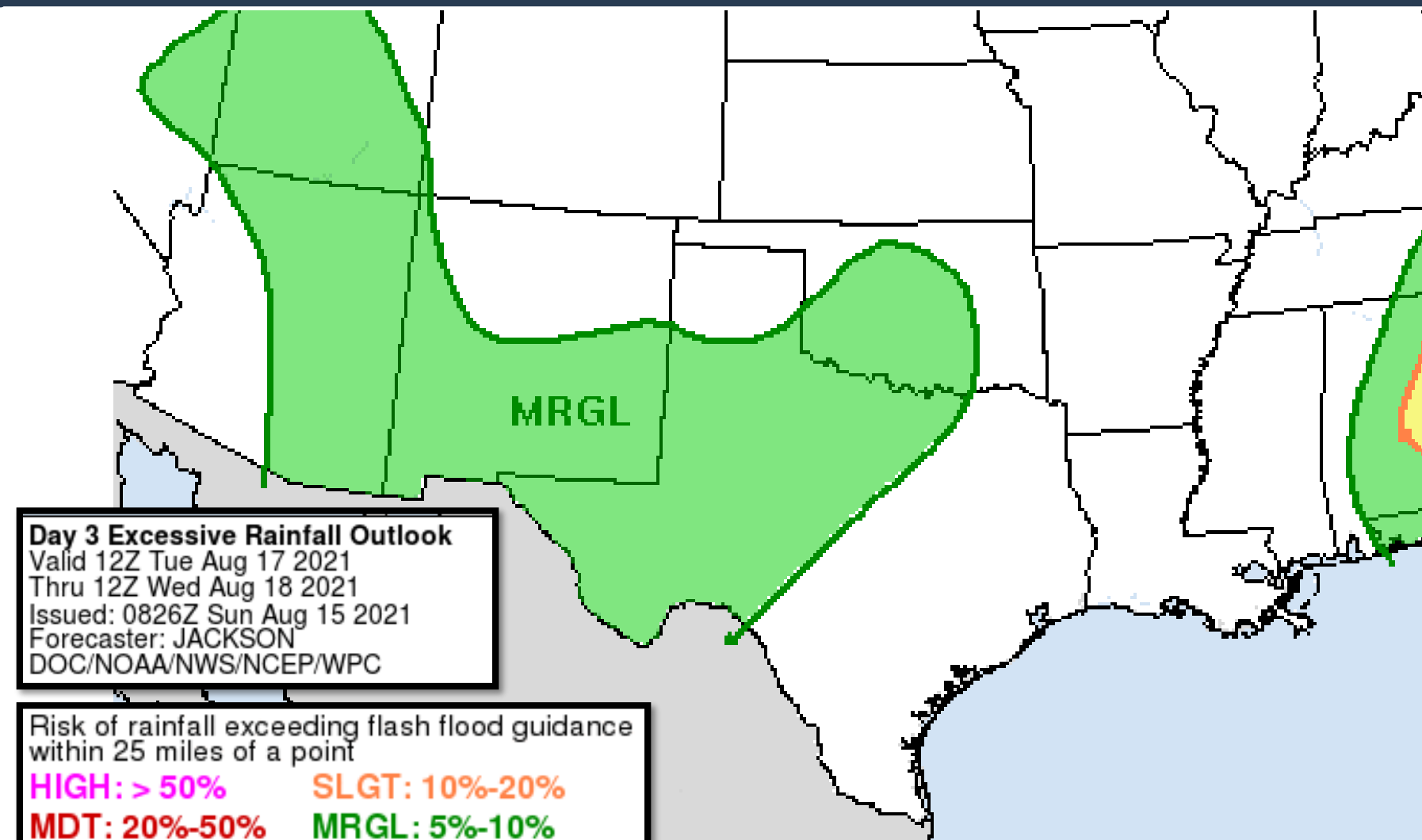


**Isolated heavy rain/flash
flooding possible over S NM,
OK and W/NW TX.**

Severe Weather Outlook



Excessive Rainfall Outlook



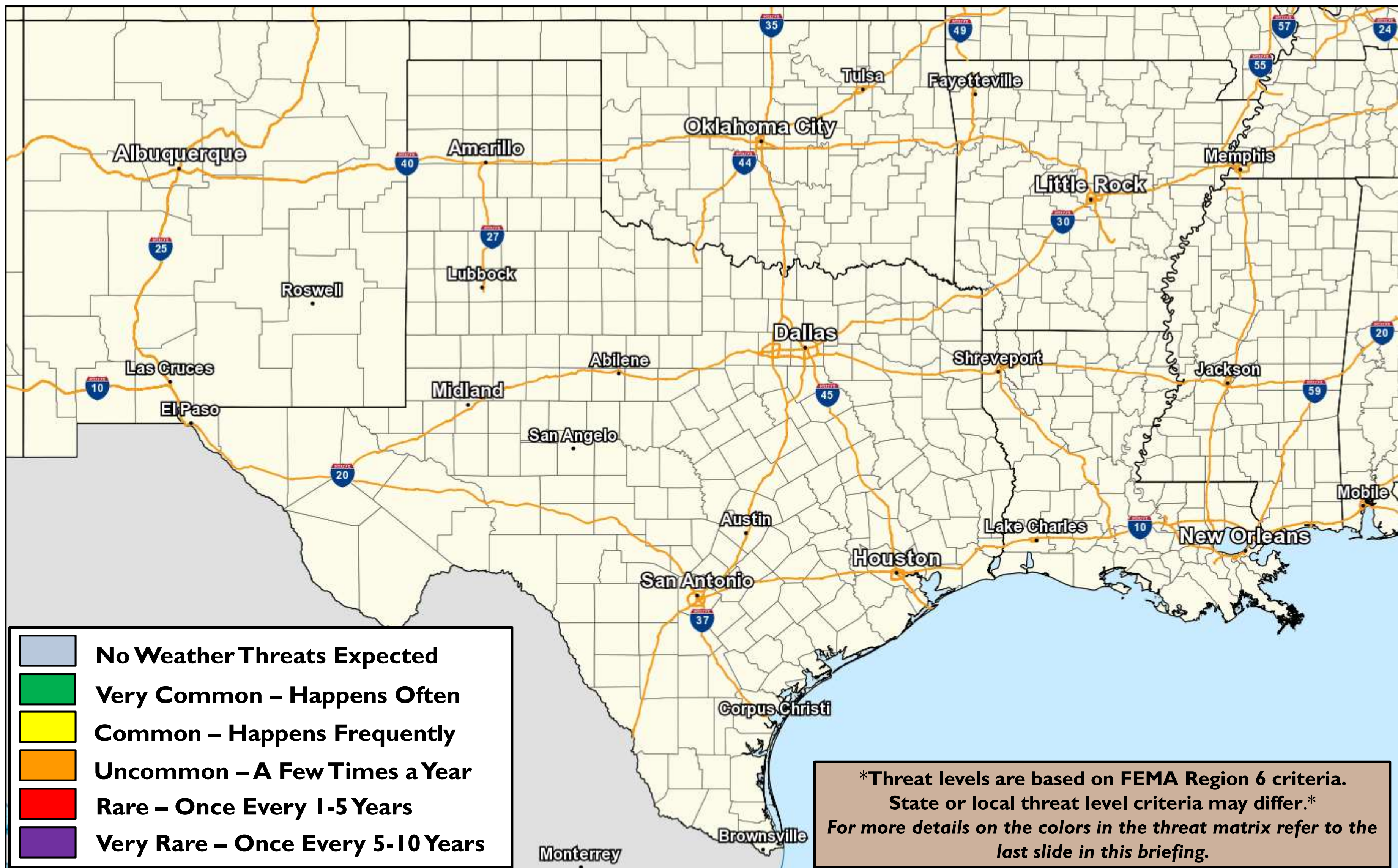
Days 4-5 Weather Hazards

Wednesday - Thursday



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No significant weather
expected.

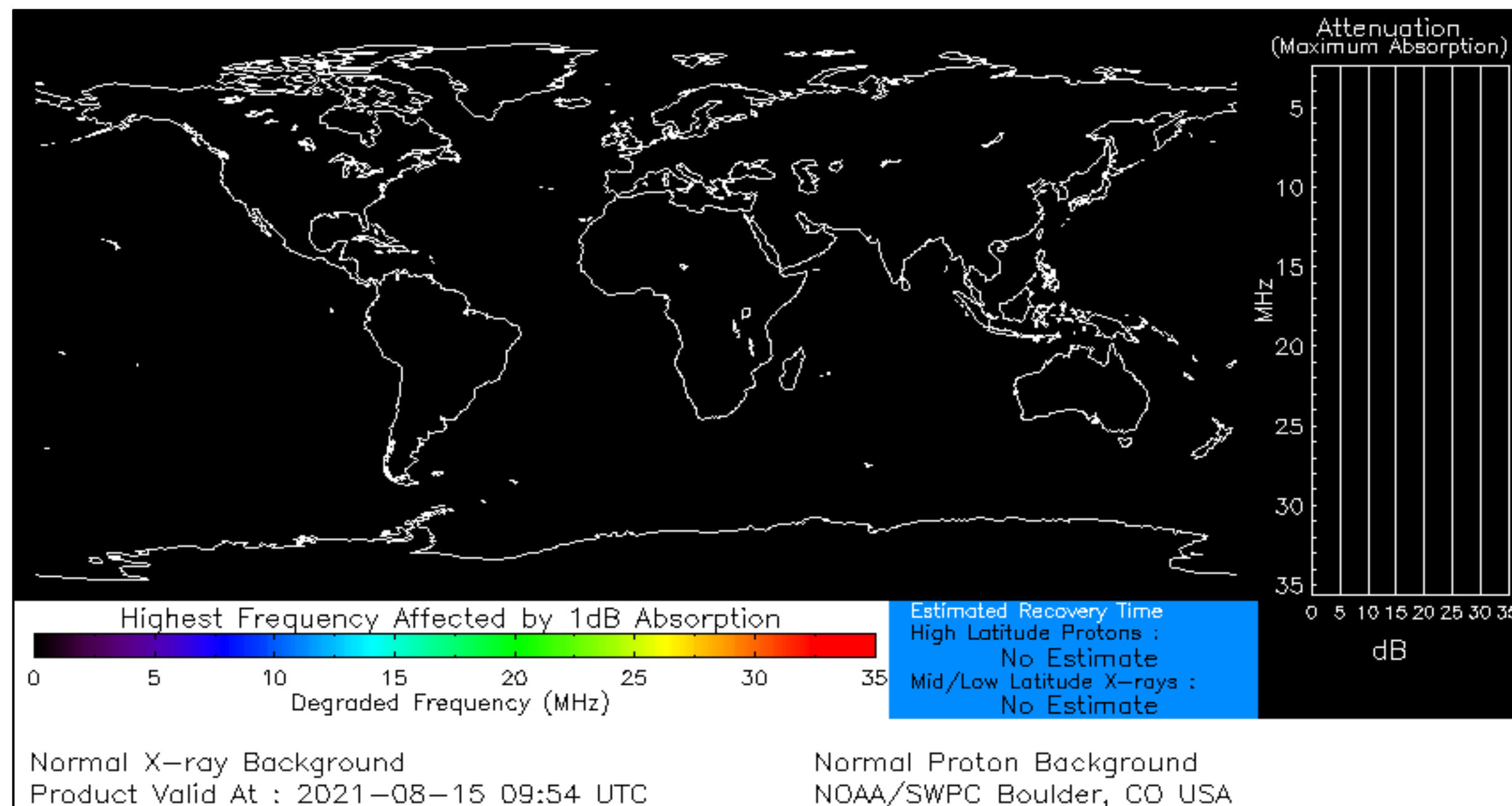


Space Weather 3-Day Forecast



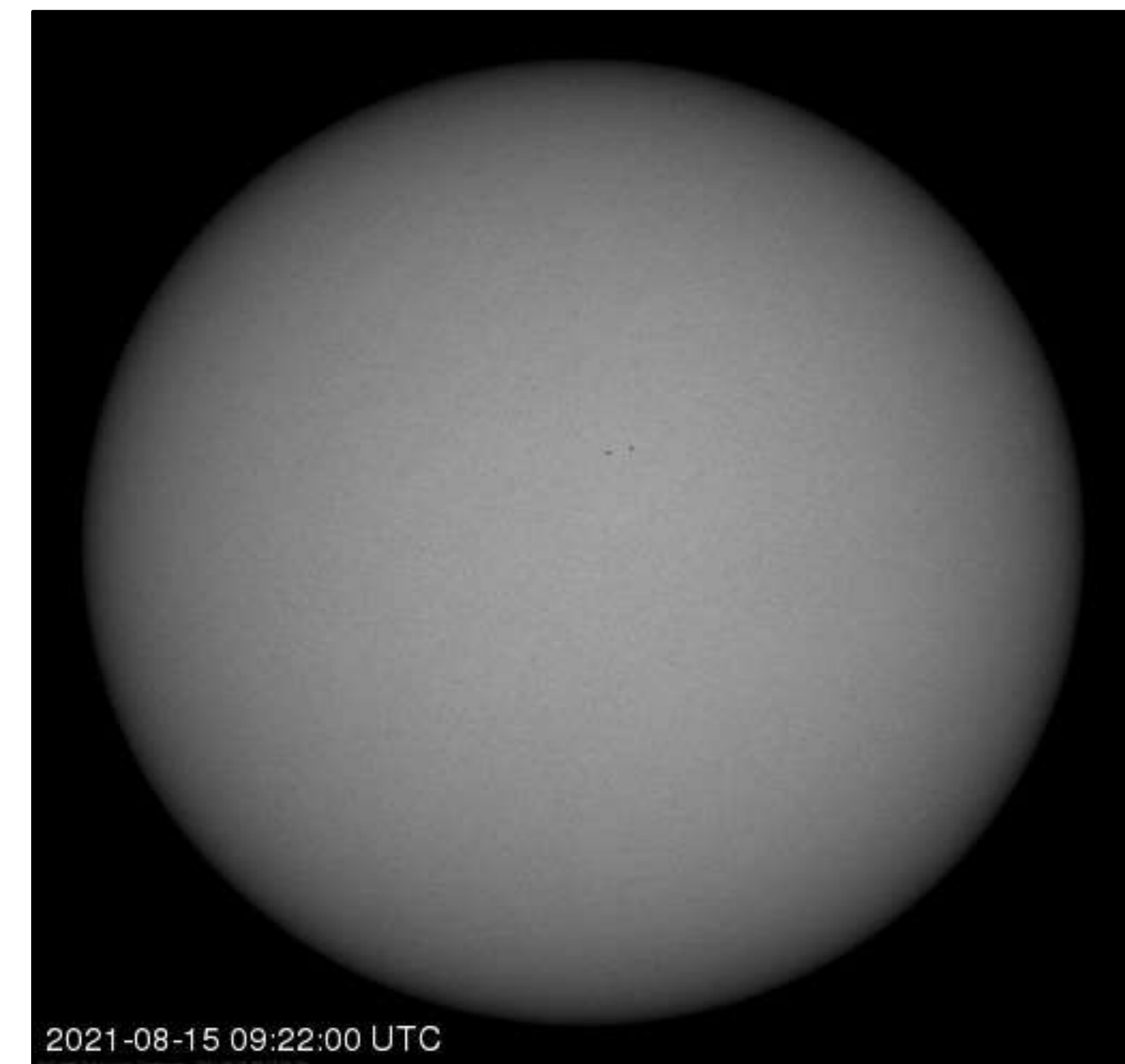
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov